

P30908.A02



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Tatsuo SASAOKA et al.

Group Art Unit : Not Yet Assigned

Appl. No. : 10/599,638 (U.S. National  
Stage of PCT/JP2005/006740)

Examiner : Not Yet Assigned

I.A. Filed : April 6, 2005

Confirmation No. : 2109

For : BONDING METHOD AND APPARATUS

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicants hereby bring to the attention of the Examiner the following information.

The following documents were cited in an International Search Report with respect to International Patent Application No. PCT/JP2005/006740, of which the present application is the U.S. National Stage Application. A copy of the International Search Report has been filed concurrently with the present application and should thus have already been brought to the attention of the Examiner.

- (1) Japanese Laid-Open Patent Publication No. HEI 11-340614 A, together with an English language Abstract of the same;

- (2) Japanese Laid-Open Patent Publication No. 2000-269269 A, together with an English language Abstract of the same;
- (3) Japanese Laid-Open Patent Publication No. HEI 9-008451 A, together with an English language Abstract of the same, and patent family member U.S. Patent No. 5,634,268;
- (4) Japanese Laid-Open Patent Publication No. 2002-064042 A, together with an English language Abstract of the same, and patent family member U.S. Patent Application Publication No. 2003/0168145;
- (5) ITO et al., "MEMS Package ni Okeru Hyomen Kasseika Joon Setsugo no Kanosei," 2000 Nendo Seimitsu Kagakukai Shuki Taikai Gakujutsu Koenkai Koen Ronbunshu, 2000, page 317;
- (6) OCHIAI et al., "Hyomen Kasseika ni yoru Hikari Micro Buhin no Teion Chokusetsu Setugo," 2003 Nendo Seimitsu Kagakukai Shuki Taikai Gakujutsu Koenkai Koen Ronbunshu, 2003, page 400; and
- (7) International Publication No. WO 2004/030076.

The relevance of these documents, as ascertained with respect to the international claims by the International Examiner, is set forth in the International Search Report.

Applicants further bring to the attention of the Examiner the following documents:

- (8) Japanese Laid-Open Patent Publication No. 2001-351892 A, together with an English language Abstract of the same. Applicants note that this document is cited beginning at page 1 of the specification of the above-captioned application;

- (9) Japanese Laid-Open Patent Publication No. 2003-197673 A, together with an English language Abstract of the same, and patent family member U.S. Patent No. 6,784,554.

Applicants note that the Japanese document is cited beginning at page 2 of the specification of the above-captioned application;

- (10) U.S. Patent No. 6,680,221; and

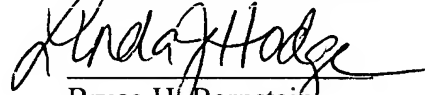
- (11) U.S. Patent No. 6,902,101.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patent publications are not enclosed herewith. However, if any copy is needed, the Examiner is respectfully requested to contact the undersigned.

Applicants respectfully requests that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents, including the noted English language Abstracts, are attached hereto, and all of the documents are listed on an attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the attached Form and to return a copy of the completed Form to Applicants with the next official communication in the present application.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Tatsuo SASAOKA et al.



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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P30908Application No.  
10/599,638INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

Applicant  
Tatsuo SASAOKA et al.Filing Date  
I.A. Filed April 6, 2005Group  
Not Yet Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 6 3 4 2 6 8	06/03/97	DALAL et al.			
	2003 /	0 1 6 8 1 4 5	09/11/03	SUGA et al.			
		6 7 8 4 5 5 4	08/31/04	KAJIWARA et al.			
		6 6 8 0 2 2 1	01/20/04	TOKUNAGA et al.			
		6 9 0 2 1 0 1	06/07/05	HORIE et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	11	- 3 4 0 6 1 4	12/10/99	JAPAN			
	2000	- 2 6 9 2 6 9	09/29/00	JAPAN			
	9	- 0 0 8 4 5 1	01/10/97	JAPAN			
	2002	- 0 6 4 0 4 2	02/28/02	JAPAN			
	2004	/ 0 3 0 0 7 6	04/08/04	W.I.P.O.			
	2001	- 3 5 1 8 9 2	12/21/01	JAPAN			
	2003	- 1 9 7 6 7 3	07/11/03	JAPAN			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English Language Abstract of JP 11-340614.
	2	English Language Abstract of JP 2000-269269.
	3	English Language Abstract of JP 9-008451.
	4	English Language Abstract of JP 2002-064042.
	5	English Language Abstract of JP 2001-351892.
	6	English Language Abstract of JP 2003-197673.
	7	ITO et al., "MEMS Package ni Okeru Hyomen Kasseika Joon Setsugo no Kanosei," 2000 Nendo Seimitsu Kagakukai Shuki Taikai Gakujutsu Koenkai Koen Ronbunshu, 2000, page 317.
	8	OCHIAI et al., "Hyomen Kasseika ni yoru Hikari Micro Buhin no Teion Chokusetsu Setugo," 2003 Nendo Seimitsu Kagakukai Shuki Taikai Gakujutsu Koenkai Koen Ronbunshu, 2003, page 400.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.